

SECTION 9

9.01 GENERAL:

Denver and regions under the contract receipt of water from Denver Water are experiencing changing trends in the design of subdivisions. New developments are now commonly designed with curved streets, only one or two access roadways and many cul-de-sacs. Water mains supplying these subdivisions often cannot be sized using the hydraulic grid system common in most of Denver. In some instances the maximum water demand within these developments is exceeding the allowable design capacity of a 12 inch Distribution Main but is often considerably under that of a 24 inch Conduit. As a result, it has become necessary to introduce two intermediate sizes: 16 inch and 20 inch Transmission Mains.